

Application No. 09/764179
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Amendment
Attorney Docket No. H01.2B-9610-US01

Amendments To The Claims:

1. (Previously presented): A punch for a rotary compression press which has a rotor, the rotor having at least one die bore and at least one guiding bore for the axial guidance of the punch, the punch having a shank received by the guiding bore, key locking mechanism between the guiding bore and the shank preventing rotation of the punch in the guiding bore, the punch further having an insert adapted to engage the die bore for the compression of material in the die bore, the die insert being seated in an end-side bore in a front-end face of the shank and having a trunnion-shaped projection which is seated in the end-side bore and mounted via releasable fastening member, the die insert being biased by a spring toward the front-end face, the insert being adapted to automatically rotate in the end-side bore in a first rotational direction and to be axially moved against the bias of the spring against an upper stop by means of a cooperation of threaded spindle and spindle nut, when the insert is pressed into the die bore against the material therein and to rotate back in the reverse rotational direction and to be axially moved against a lower stop axially spaced from the upper stop when the insert is moved out of the die bore.

2. (Currently amended): The die punch according to claim 1, characterized in that that a the threaded spindle is connected, in a non-rotary relationship, to a free end of the projection and the bore has disposed therein, in a non-rotary relationship, a the spindle nut with which the threaded spindle interacts.

3. (Currently amended): The die punch according to claim 2, characterized in that the spindle nut is located via at least one radial pin.

4. (Currently amended): The die punch according to claim 2, characterized in that the projection has provided thereon at least one radial trunnion which engages a groove of the die holder wherein said groove is sized so as to allow for an axial motion of the die insert.

5. (Currently amended): The die punch according to claim 4, characterized in that said trunnion is the end of a radial pin by which the spindle is located in a bore of the projection.

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6. (Currently amended): The ~~die~~ punch according to claim 1, characterized in that ~~an~~ the axial motion of the die insert is limited by its abutting action against the front-end face of the die holder.

7. (Currently amended): The ~~die~~ punch according to claim 1, characterized in that the angle of rotation of the die insert is about 10 to 30°.

8. (Currently amended): The ~~die~~ punch according to claim 1, characterized in that a helical spring is disposed in said bore.

9. (Currently amended): The ~~die~~ punch according to claim 3, characterized in that the projection has provided thereon at least one radial trunnion which engages a groove of the die holder wherein said groove is sized so as to allow for an axial motion of the die insert.

10. (Currently amended): The ~~die~~ punch according to claim 7 wherein the angle of rotation is about 20°.